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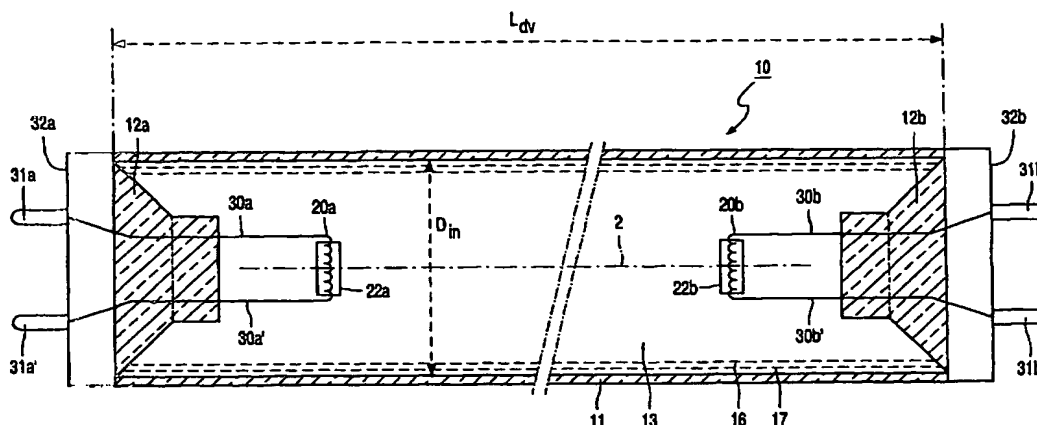
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(54) Title: LOW-PRESSURE MERCURY VAPOR DISCHARGE LAMP

(57) Abstract: Low-pressure mercury vapor discharge lamp has an at least partly substantially cylindrical discharge vessel (10) with a length L_{dv} and with an internal diameter D_{in} . The discharge vessel (10) encloses, in a gastight manner, a discharge space (13) provided with a inert gas mixture and with mercury. The discharge vessel (10) comprises discharge means (electrodes 20a; 20b) for maintaining a discharge in the discharge space (13). According to the invention, the ratio of the weight of mercury mHg in the discharge vessel (10) to the product of the internal diameter D_{in} and the length of the discharge vessel L_{dv} is given by the relation: wherein $C < 0.01$ (g/mm²). Preferably, $0.0005 < C < 0.005$ (g/mm²). Preferably, the discharge vessel (10) contains less than 0.1 mg mercury. The discharge lamp according to the invention operates under unsaturated mercury conditions.